



SHADOW
CADDY

Shadow Caddy SC-1000 Owners Manual

SC-1000: Manual Version 1.4



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Read this first

The Shadow Caddy manual is an important document and reference. Please keep it in a safe place.

The specifications and descriptions in this manual are accurate at the time of printing but, because of our commitment to continuous product improvement and development, we reserve the right to make changes in appearance and specification at any time without notice and without incurring any obligation.

Throughout this manual you will find two important symbols. The **Warning** symbol, and the **Caution/Reminder/Important** symbol. Please take note and adhere to these at all times.



Warning: This symbol is to warn you to be especially careful to avoid personal injury.



Caution/Reminder/Important: This symbol is used to either prevent you from damaging your Shadow Caddy or to draw your attention to important information.

The Shadow Caddy Australian and international patents pending (International PCT Patent Application No: PCT/AU2007/000670, Publication No: WO 2007/131299)

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S H A D O W
C A D D Y

1

Introduction and safety information



Welcome to a better way to play golf

Thank you for choosing Shadow Caddy

To ensure the enjoyable and trouble free operation of your new Shadow Caddy, we urge you to read this manual carefully and follow its recommendations.

Although your warranty may cover defects in material or workmanship, we would recommend that you consider general insurance as you would with other similar products, especially those rented out to consumers on a regular basis.

We wish to assure you of our continuing interest in your golfing pleasure and complete satisfaction in your Shadow Caddy.

For the latest information or should you require any further assistance, please visit www.shadowcaddy.com or email us at info@shadowcaddy.com

Overview of the Shadow Caddy

The Shadow Caddy is an intelligent robot that carries your golf clubs, following faithfully behind you, allowing you to focus on your game.

It achieves this by using its patented system of following a signal emitted by a transmitter carried by the golfer.

The Shadow Caddy has an integrated Object Detection System so that when it detects a person, animal or other object in its path the system is designed to stop, providing power to the motors and engaging the brakes to avoid a collision. For extra protection and to minimize the potential for harm in the event of a collision, the Shadow Caddy apparatus is speed limited, to minimize the kinetic energy of the device, to a speed less than 8.0 (eight) kilometers per hour.

The Shadow Caddy is to be exclusively used for the transportation of golf clubs weighing less than 30 (thirty) kilograms. The Shadow Caddy is not designed for the transportation of humans, especially children, animals, heavy goods, liquids (except for drinks in the drinks holder), or dangerous goods of any kinds. Transportation of such items on the Shadow Caddy is strictly prohibited. The device is to be operated outdoors away from flames or flammable liquids or gases.

The Shadow Caddy follows a Radio Frequency (RF) signal transmitted by the Radio Transmission Unit (RTU). The Shadow Caddy is susceptible to strong external interference. In the presence of external interference the Caddy may stop following. If this occurs please operate the Shadow Caddy in a location away from the source of interference.

The user must at all times operate the device in a safe manner and adhere to all warnings described in this manual.



Safety and warnings

1. Read the manual before operating the Shadow Caddy for the first time
2. Adhere to all operating warnings outlined in this manual whilst operating The Shadow Caddy system
3. Never operate The Shadow Caddy in an environment or manner that may be unsafe
4. The Caddy should only be serviced by an authorised individual
5. The Shadow Caddy is sold to you on the condition that it must only be used in the country in which it was purchased and must not under any circumstances be exported to a third country without Your Shadow Technologies' written permission.

The Shadow Caddy has sophisticated safety features such as a Object Detection System and the ability to stop if it loses signal from the RTU or if the RTU is tilted from the vertical (as would be the case if the operator trips and falls).

Although this and other safety features are built into the unit, care must always be taken when operating any robotic device and the Shadow Caddy is no exception.

Please note the following warnings:

1. The Shadow Caddy is to be operated on a golf course.
2. The device is only to be operated by a competent adult (minimum 18 years of age unless accompanied by an adult).
3. The adult operating the device should be authorised to do so and in possession of an RTU unit.
4. Maintain a clearance of at least 1 metre on all sides at all times.
5. In confined spaces and on metal bridges, use the "Reverse" mode to manually steer the Caddy to open ground.
6. Shadow Caddy is to be exclusively used to transport golf clubs weighing less than 30 (thirty) kilograms.
7. Shadow Caddy must not be operated by a user under the influence of alcohol, medicines or non-prescribed drugs.
8. Shadow Caddy is not under any circumstances be used to transport people, children or any animal.
9. Shadow Caddy is never to be used to transport dangerous or hazardous material.
10. Shadow Caddy is not to be operated in a hazardous or explosive atmosphere.
11. Shadow Caddy is designed to be operated only with its top cover closed and locked, making its internal machinery inaccessible to the general public.
12. Never attempt to move the Caddy with the top cover open.

13. The Caddy functions by detecting a radio frequency signal transmitted from the Radio Transmission Unit (RTU). In the presence of high levels of interference or jamming the Caddy may stop or may not operate correctly. If this occurs the Caddy will disengage the **FOLLOW ME** and stop. If the interference continues, manually move the Caddy away from ITS source by using the **REVERSE** button and then re-engage the **FOLLOW ME** mode.
14. Never operate the Caddy with the RTU in your hands or above waist height. *Always keep the transmitter at waist level centred on your back.*
15. Do not operate the Shadow Caddy if the Object Detection System is faulty or if the Object Detection sensors are obstructed, dirty or badly scratched.

If the Object Detection System housing is obstructed, dirty or if the clear polycarbonate housing is clouded or has a significant film of moisture, discontinue use of the Caddy until the housing is clean and transparent again. If the housing is damaged call the Shadow Caddy service department.
16. In the presence of highly reflective radio frequency surfaces the Caddy may follow the reflected signal rather than the signal transmitted by the RTU. Avoid the operation of the Caddy near highly reflective surfaces such as metallic bridges.
17. Do not switch on the RTU or attempt to operate the Shadow Caddy if the Caddy and the RTU are on opposite sides of infra red transparent material or glass
18. Do not operate the Caddy near an edge or surface that may cause it to tip, roll or cause injury.
19. Keep all battery chargers dry and ventilated at all times. Do not operate a charger if it or the Caddy charger socket has been or can be exposed to moisture or if the case of any cable being damaged.
20. Only place the batteries provided with the RTU into the recharging system. Batteries provided by a third party may short circuit or otherwise damage the recharge systems and/or may explode.
21. The machinery is only to be serviced by Shadow Caddy authorised personnel. No modifications to the electronics, safety or propulsion systems are to be undertaken without the express written permission of Shadow Caddy Pty Ltd.
22. The Shadow Caddy is sold to you on the condition that it must only be used in the country that it was purchased and must not under any circumstances be exported to a third country without Your Shadow Technologies' written permission.

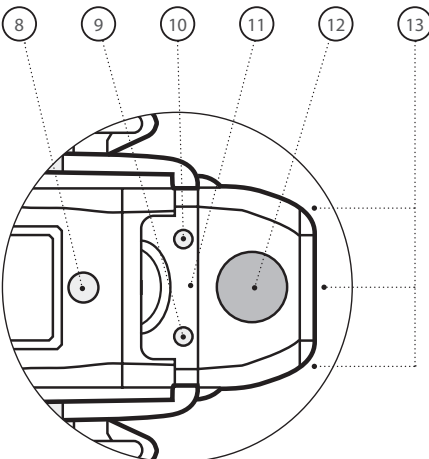
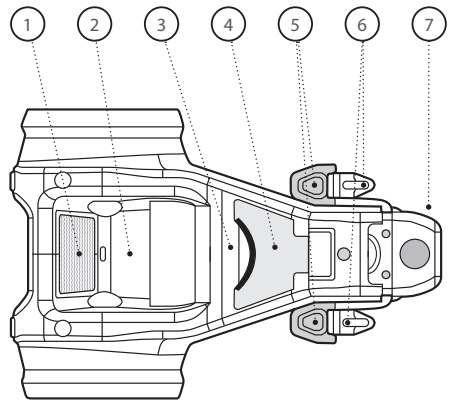
How to use your Shadow Caddy



Knowing Your Shadow Caddy

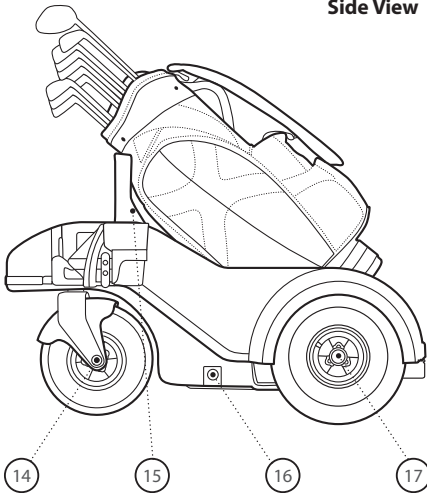
Top View

- 1. Bag well mat
- 2. Bag well
- 3. Bag Straps
- 4. Bag support (lowered)
- 5. Sand bucket containers & brackets
- 6. Follow Me™ antennae
- 7. Nose cone



Nose Cone Detail

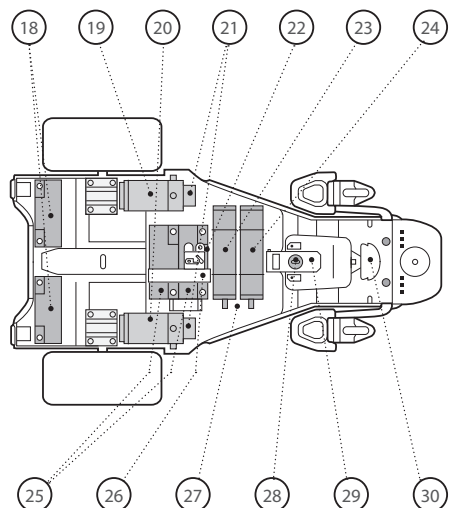
- 8. Body lock
- 9. Follow me / stay switch
- 10. Reverse switch
- 11. Bulk head assembly
- 12. Drinks Holder
- 13. Object Detection sensors

Side View

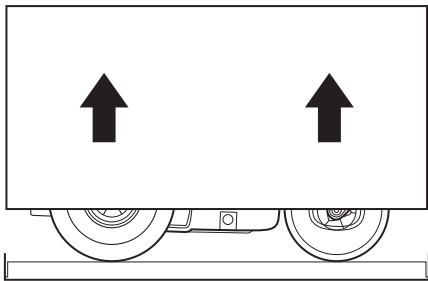
- 14.** Front wheel assembly
- 15.** Bag support (raised)
- 16.** Charge plug connection
- 17.** Rear wheel assembly

Top View – Caddy Open

- 18.** Battery array: Batteries 1 and 2
- 19.** Left hand motor & gearbox assembly
- 20.** Right hand motor & gearbox assembly
- 21.** Manual brake levers
- 22.** Isolating power switch (circuit breaker)
- 23.** Electronics box 1
- 24.** Electronics box 2
- 25.** Battery array: Batteries 3 and 4
- 26.** Battery clamp
- 27.** USB stick connection (loose cable)
- 28.** Key switch
- 29.** Key switch bracket
- 30.** Headstock assembly



Getting Started



Unpacking the Shadow Caddy



Caution: *Do not lift* – the Shadow Caddy is heavy. Attempting to lift the Caddy may cause injury or damage to the Caddy

1. Cut the strapping and remove the lid
2. Remove the plastic protection wrap

3. The Shadow Caddy comes to you fully assembled. In the box, you will find the following parts.

- Shadow Caddy (assembled)
- Radio Transmission Unit (RTU)
- Main charger for the Shadow Caddy
- Charging rack for RTU batteries
- 4 x AA batteries for the RTU
- Owners manual
- Keys for the Shadow Caddy
- Body lock key

Should any of the parts be missing, please contact Shadow Caddy on 1300 794 931, email us at info@shadowcaddy.com or visit www.shadowcaddy.com

First steps



Important: The steps that follow describe normal operating procedures. If you experience any problems with the operating steps that follow, please refer to *Section 4 – Troubleshooting*.

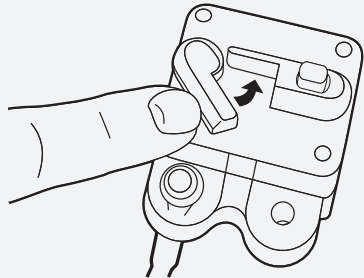
1. **Open the top cover** case using the “body lock key” provided.
2. **Ensure the motor brakes are engaged.**
The brakes are engaged by turning the metal levers on the motors to point vertically.
3. **Close the CIRCUIT BREAKER** by sliding the lever as indicated to the right.



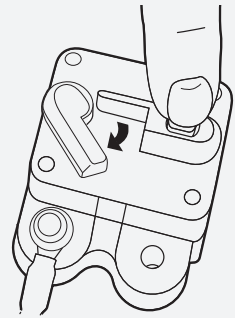
Opening & closing the circuit breaker:

Please note that whilst the lever must be used to close the circuit, the button is used to release or open the circuit. Failure to follow this procedure may result in damage to the circuit breaker.

1. Closing the circuit



2. Opening the circuit



4. **Close the top cover and lock it** with the “body lock key”.
5. **Switch the Caddy on (switch is under the bag support)**. The operating system on the Caddy will begin to boot and the brakes will disengage – *you may now manually roll the Caddy off the base plate.*

Look out for the following sequence to indicate that the Caddy is booting up correctly:

- i. both LEDs (red and green) are solid during boot up;
- ii. a short sequence of beeps is heard to indicate successful boot up; then

The **RED LED** remains on and only the **GREEN LED** goes out when the system has correctly booted up.

Note: *Once the Caddy has finished booting up, the brakes will re-engage.* Should you need to release the brakes again:

- Switch the Caddy off and on again. The brakes will be released for approximately 30 seconds during the bootup phase.
- Alternatively, disable the brakes by manually moving the metal levers at the front of each motor away from the vertical position.

Be sure to re-engage the brakes by returning the levers to the vertical position when you have finished moving it.



Warning: Remember to return the levers to the vertical position to re-engage the brakes before resuming normal operation:

Remember also not to move the Caddy with the top cover open.

6. **Insert two FULLY CHARGED AA batteries** into the RTU (Radio Transmission Unit) and close the cover.
7. The Caddy may now be charged to prepare it for normal operation

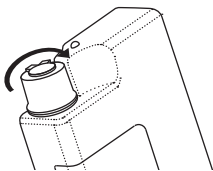


Important: The Caddy will arrive with some charge, allowing you to move the Caddy and ensure it is functional (before testing the Caddy, please read '*Using your Caddy*' – Page 2.6 overleaf). However, it is not fully charged and **MUST** be charged for 10 hours before it is ready for normal operation.

Using the Caddy

Following these simple steps will ensure that you find the Shadow Caddy simple, safe and pleasurable to use.

1. **Switch on the RTU** by turning the knob clockwise. A bright blue light on the RTU will turn on and begin flashing at one second intervals.



2. **Clip the RTU to your trousers / belt/skirt** in the middle of your back at waist height.



Warning: Do not operate the Caddy whilst holding the RTU. The RTU **MUST** be clipped to your back before beginning operation and at **ALL TIMES** whilst the caddy is in **FOLLOW ME** mode.

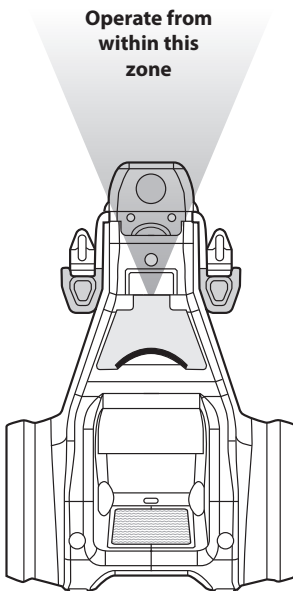
NEVER switch off the RTU whilst the Caddy is in **FOLLOW ME** mode. This may cause the Caddy to lurch forward causing injury.

3. Ensure that the red light on the nose cone is illuminated (i.e. that the Caddy is **NOT** in **FOLLOW ME** mode).

4. **To start the Caddy at any time**, stand directly in front of the Shadow Caddy and press the **FOLLOW ME/WAIT** button.

The green LED should now illuminate.

Walk, initially in a straight line, away from the Shadow Caddy.



5. **To stop the Caddy at any time**, press either button on the nose cone – the red light will illuminate indicating that the Caddy will not follow.
6. **If for whatever reason the Caddy loses the RTU signal or if the Object Detection sensors are activated**, the Caddy will give a long beep and stop. If this occurs, repeat Step 4.
7. **If you wish to reverse the Caddy**, press the button labelled **"REVERSE"** and hold it down. It is normal for there to be a slight pause before the Caddy begins moving. Walk with the Caddy in reverse using two hands to manually steer the device. To resume **FOLLOW ME** mode, repeat Step 4.
8. **When finished**, stop the Caddy by pressing either button on the nose cone – the red light will illuminate. Then turn the switch under the bag support moulding to the **OFF** position.
9. **Switch off the RTU** and return it to the Pro Shop



Reminder: The green light on the nose cone indicates that the Shadow Caddy will follow, whilst the red light indicates that it will not. Either button on the nose cone will stop the Shadow Caddy



Warning: Never operate the caddy using the RTU (radio transmitting unit) when in tight areas, when inside or when storing the Caddy.

Potential interference from power cables, metal structures such as roller doors, galvanised sheds or walls, may cause the Caddy to behave erratically causing damage or injury.

Instead, always use the **REVERSE** button to manually manoeuvre the caddy.



Important: When storing the Caddies, ensure that the RTU (radio transmitting unit) is stored in a separate and safe place. In case of theft, this prevents the Caddy from being used.

Maintaining your Shadow Caddy



Maintaining Your Shadow Caddy

Battery Recharging

Caddy Main Battery



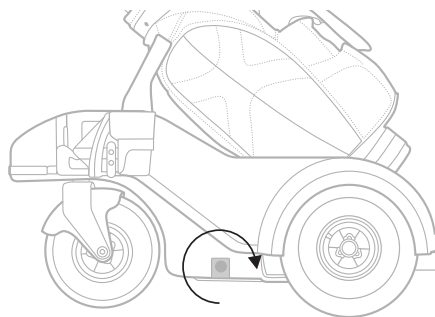
1. **Important:** Main Caddy batteries require an initial charge of 10 hours or more before use.
2. The main Caddy battery must be recharged every night (minimum 8 hours) to maintain optimal performance.



Warning: Only use the charger provided as the use of any other charger may overcharge the battery. This may result in a fire, explosion and personally injury. The use of any other charger will also void the warranty on the battery and other Caddy components.

Main Battery Charging Procedure – using the EPS 2407 charger

1. Always ensure that the Caddy and the RTU are switched **OFF** before charging.
2. Ensure the switch under the bag support is in the **OFF** position
3. Check that the charger is switched **OFF**
4. Insert the charger connector into the charge socket located just before the left rear wheel and rotate clockwise ensuring it is **LOCKED** into position.



Insert the charger here and turn clockwise until you hear a “click”



Important: If the charge plug is not **LOCKED**, then the Shadow Caddy will **NOT** charge and may stop running out on the course.

5. Plug charger into wall socket and turn it on – a red light will illuminate on the charger switch.
6. The charging indicator light (to the right of the switch) will turn red indicating that the Caddy is charging.
7. The charger light will turn green when the battery is fully charged. If the light is green when charger is turned on, switch off and on again. If still green, the battery is full and does not need charging.

Recommended practice to optimise battery life

The Shadow Caddy has been designed complete up to two rounds per day. Range has been tested at 40 holes in one day on a moderate course, but results will vary according to course length, turf and weather conditions and of course, the actual distance travelled by the golfer while playing a round.

In most cases, the caddy will comfortably complete one full round and one 9 hole round per day without recharging in between. To complete two full rounds in one day, we recommend charging for at least 90 minutes

between rounds. The Caddy and the RTU batteries **MUST** be charged **EVERY NIGHT** to ensure the battery life is at its optimum, the full charge will take 8 to 10 hours



Important: even if only 1 round has been played, the Caddy battery **MUST** still be charged overnight to maintain performance. If the battery cannot be charged overnight, open the circuit breaker to preserve the existing charge (see page 2.7). Remember to close the circuit again before charging as the battery will not charge otherwise.

Battery Replacement

Rechargeable batteries have a finite number of charge/discharge cycles and performance will decrease over time. If you determine that the batteries are no longer performing satisfactorily they may need to be replaced.

Please contact your service representative to facilitate the installation of new batteries.



Warning: Do not attempt to replace batteries or alter the battery configuration yourself as there is a risk of electrocution.

Accidental or deliberate shorting of batteries will cause extreme heat to be generated that may result in fire and or explosion that may lead to injury or death.



Important: Attempting to change the Shadow Caddy batteries or alter the battery configuration may result in the voiding of your warranty.

Radio Transmitter Unit (RTU) Battery

1. Always install fully charged AA batteries before use.
2. The RTU batteries should be recharged overnight at the end of each day's use..
3. In order to recharge the RTU batteries, remove the batteries from the case and only place them into the "AA" recharge unit supplied.

Changing RTU Batteries

The Radio Transmission Unit is supplied with two (2) 1.2 volt rechargeable AA NiMH batteries.

Change batteries by removing the battery cover plate and replacing the existing batteries, ensuring that they are placed in the correct orientation.



Warning: Place only batteries provided with the RTU into the recharge system. Do not use batteries from a third party with the recharge system as they may be damaged, or damage the RTU, short circuit or explode.

Under no circumstances should alkaline or batteries not specifically designed to be recharged be placed into the RTU charging rack because they may explode and cause serious injury or death.



Caution: Keep the battery charger dry and ventilated at all times. Do not operate the charger if it has been or can be exposed to moisture. Do not operate the charger if any cable or the case is damaged.

Cleaning the Shadow Caddy



The Shadow Caddy is designed to withstand rain, but should not be hosed down with water. Use a damp cloth to wipe the Shadow Caddy down if it becomes dirty, ensure that the front anti-collision sensors are clean. **DO NOT USE ANY ABRASIVE CHEMICALS, or SOLVENT CLEANERS TO CLEAN THE SHADOW CADDY** bodywork.

Object Detection Sensors

These sensors are in the nose section of your Caddy and their efficacy may be reduced when dirt, dust and condensation forms on the outside of the sensor housing.

Check the clear polycarbonate window regularly for damage. Wipe clean any dirt or foreign particles. If the Object Detection housing is damaged discontinue use of the Caddy and call the Shadow Caddy service department.

Clean the clear housing regularly and only with a clean moist cloth **DO NOT USE SOLVENT or AROMATIC LIQUID CLEANERS**

Tyre Pressure

For optimal Caddy performance the tyres supplied with your Caddy should be inflated to the following values

Front Tyre 15 Psi / 104 kPa.

Rear Tyres 12 Psi / 86 kPa.

Replacement Tyres

If the tyres require replacing please replace them with tubed tyres for optimal Caddy performance. Please contact Shadow Caddy in your area for replacement tyres.

Transporting Your Caddy

Your The Shadow Caddy is an advanced robotic system with sensitive electronic equipment and sensors.

Before transporting your The Shadow Caddy ensure that it is switched off. The switch under the bag support must be at the off position and the circuit breaker should be open (see page 2.7)

Open the top cover and confirm the brakes are engaged. This is achieved by moving the levers attached to the electric motors to the vertical position.

During transportation make sure that the Caddy is securely fastened and it does not experience significant vibration.



Warning: As the Caddy's weight exceeds 70 kg, it should only be lifted by mechanical means.

Never attempt to move the Caddy with the top cover open as it may swing shut causing injury.

4 Troubleshooting



Troubleshooting

Problem	Check List	Action
Caddy regularly stops at the same place on the golf course	Is protruding vegetation triggering the Object Detection System (ODS)?	On some paths, protruding vegetation may be triggering the Object Detection System. This can be confirmed by checking the screen on the front silver box inside the caddy. "INNER GB" indicates an ODS alarm. Trim any vegetation which can come within 50cm of the sides and 1m of the front of the caddy's nose.
	Is there underground cable at the location?	Some courses have "trouble spots" where underground power or communication cables interfere with the caddy's radio system causing the caddy to either "hiccup" or in some cases completely stop. Since it is not practical to move them, we recommend either: 1. If possible, find an alternative route for Shadow Caddy users which avoids the trouble spot 2. Install a sign advising users of the need to manually steer the caddy past the point using the REVERSE button

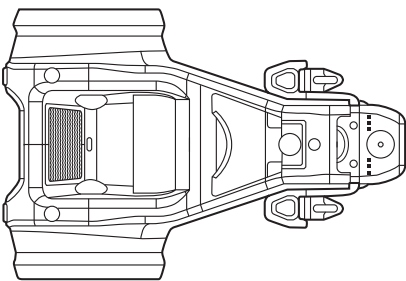
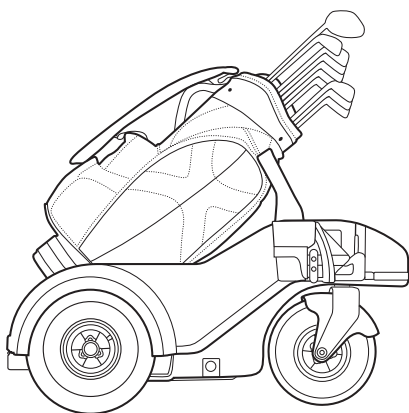
Problem	Check List	Action
Caddy does not switch on	Is circuit breaker on?	1. Open top case of Caddy 2. Check Circuit Breaker is in the "ON" position, i.e. closed. 3. If not, set the switch to the "ON" position
	Has battery been charged?	Connect charger, try to switch on again. If caddy switches on with charger connected, batteries were probably flat. Charge overnight before trying again.
	Have any wires come loose?	Open caddy and visually check for any obviously loose or disconnected wiring.
	Is Main Electronics fuse intact?	Open caddy and you will see a small silver and black box with the word "REDARC" on it. Follow the purple wire coming from this box until you locate a plastic fuse holder. Check the fuse within and replace with another 5A fuse if it has blown. If fuses blow repeatedly, contact Customer Support.
Caddy will not charge	Is charger plugged in correctly?	Check that the charger is inserted correctly and locked into place with a clockwise turn. A red light on the charger indicates that the charger is rapid charging.
	Is circuit breaker on?	Check the internal circuit breaker. The caddy will not charge if the circuit breaker
	Is port dirty, wet or damaged?	Visually inspect port. Clean if dirty and allow to dry if wet.
	Have any wires come loose?	Open top case and visually check for any obviously loose or disconnected wiring.

Problem	Check List	Action
Caddy will not follow	Is caddy in follow-me mode	The green LED on front left must be lit before caddy will follow.
	Is caddy on?	The REVERSE light will be on and steady if the caddy is switched on.
	Is RTU on?	Before checking the RTU, make sure the caddy is not in follow mode. Then check that the RTU is switched on and the blue LED is flashing. Return RTU to belt before trying again.
	Are antennas damaged?	Visually check for damage to the two plastic antenna housings in front of the sand buckets
	Is there an Object Detection System (ODS) alarm?	If both LEDs flash rapidly as you walk off, it may indicate an ODS alarm. This can be confirmed by checking the screen on the front silver box inside the caddy. "INNER GB" indicates an ODS alarm. Check that no obstacle (even tall grass) is within 1m of the front or sides of the plastic window at the front of the caddy and try reversing the caddy to a slightly different position before trying again. Also check that window is clean and not heavily scratched.
Caddy will not turn	Is front tyre pressure correct?	Check that tyre pressures are correct. In particular, low front tyre pressure can increase resistance against turning.

5 Specifications, Warranty and Regulatory Data



Specifications



Length	1,165.0mm
Height	545.0mm
Width	780.0mm
Ground Clearance	76.0mm
Minimum Turning Circle	1,400.0mm
Tyre Front	13/5.00/6
Maximum Load	30kg/66lbs

Weight	Approx: 75kg
Main Battery	4 x 24 Volt – 20Amp/hr
RTU Batteries	AA 1.2V
Max Speed	8.0kph
Frequency of Operation	325 to 380 kHz
Tyre Front	15 Psi / 104 kPa
Tyre Rear	12 Psi / 86 kPa

Declaration of Conformity:

AS 4268-2003

Product Model No: SC-1000

Product Description:

Shadow Caddy Pty Ltd (A.C.N. 124 278 155) product is a robotic Caddy known as "Shadow Caddy". The motorized Caddy follows a signal transmitted by a transponder that is carried by the golfer.

The transponder operates in the frequencies 240-285 and 325-380kHz at a transmit E.I.R.P. of less than 500nW. The motorized vehicle follows the transmitted signal by using a combination of signal strength maximisation and signal direction finding.

Categorisation: Level 1 Device

According to Radio Communication Devices (Compliance Labeling Notice 2003) a low-risk device is defined as a device which if operated in contravention of an applicable standard may have a low interference impact on other devices using the radio frequency spectrum.

Statement of Level 1 Device Classification:

The Shadow Caddy is classified as a level 1 device for the following reasons:

1. It transmits at low powers, less than 500nW.
2. Is operated in open areas, such as on golf courses areas at large distances from other telecommunication devices and equipment.
3. Is a variant of a remote controlled model.

Limited Product Warranty Information

New product warranty

The warranty is given by Shadow Caddy Pty Ltd. The warranty applies to the Shadow Caddy identified by the serial number. The warranty is given to the original purchaser of the Shadow Caddy within the country of purchase during the warranty period.

Warranty period

The coverage commences from the date of delivery from Shadow Caddy Pty Ltd. The coverage is for 1 year.

Repairs covered

This warranty covers the correction, during the warranty period, of any Shadow Caddy defect in materials and workmanship. This correction may be carried out by supplying parts for the purchaser to fit under instruction by Shadow Caddy or, at Shadow Caddy's discretion, by an appointed representative.

Transport

Shadow Caddy Pty Ltd will be liable for any damage caused to goods in transit from Shadow Caddy Pty Ltd to the customer. If any damage has been caused while in transit to the customer, Shadow Caddy will replace the damaged parts at Shadow Caddy's expense.

Warranty exclusions***Damage***

Your warranty does not extend to the following:

1. Damage caused by accident, misuse, neglect, fire, theft or moving objects striking the buggy.
2. Damage caused by industrial fallout, chemicals or sealants.
3. Damage caused by atmospheric fallout or flood, hail, salt etc
4. Damage caused to batteries by over discharging due to excessive use, or sulphation due to leaving in a discharged state for prolonged periods
5. Damage caused by overheating due to inadequate ventilation during charging
6. Indirect, incidental or consequential damages
7. Batteries

Misuse

This warranty **DOES NOT** cover damage caused by:

8. Misuse or abuse of the Shadow Caddy
9. Operation of the Shadow Caddy after the defect is known
10. Failure to carry out proper maintenance services (refer to owner's manual)
11. Alteration of the Shadow Caddy by anyone who is not authorised by Shadow Caddy Pty Ltd
12. Fitting of parts or accessories not recommended by Shadow Caddy Pty Ltd
13. Any work carried out on the Shadow Caddy by anyone else except by the purchaser or an authorised person from Shadow Caddy Pty Ltd

Fair wear and tear

Items such as the chassis, nose cone bulkhead, main body and wheels which are subject to wear and tear are not covered by the warranty

Insurance

We strongly recommend that the owner obtain independent insurance.

Contacts

Customer Support

1300 794 931

After Hours: Phil Crotty - 0414 356 044

Australia (Head office)

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**YOUR SHADOW
TECHNOLOGIES**

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International Patents Pending